Cytometer Baseline Report

Cytometer:	FACSCantoII	User:	Administrator
Cytometer Name:	FACSCantoII	Institution:	N/A
Serial Number:	V33896201821	Software:	BD FACSDiva 8.0.2
Input Device:	Carousel	Date:	02/04/2020 09:45 AM
Tube Loaded Manually:	Yes		
Cytometer Configuration:	Euroflow 3-laser, 8-color (4-2-2)		

Setup Beads

Bead Product:	CST Setup Beads	Part #:	910859
Lot ID:	80996	Expiration Date:	04/30/2020
Bead Lot Information:	Available		

Detector Settings

Laser	Detector	Parameter	PMTV	New Target Value	Old Target Value	Bright Bead %Robust CV	Mid Bead Median Channel	Mid Bead % Robust CV	Dim Bead Median Channel	Dim Bead % Robust CV
Blue	FSC	FSC	621	125000	125000	3.07	126637	3.01	17645	17.10
Blue	F	SSC	559	125000	125000	1.88	125872	1.89	56910	1.29
Blue	E	FITC	543	15892	16433	2.76	346	19.93	62	62.06
Blue	D	PE	548	29999	27595	1.91	653	14.20	136	48.89
Blue	B	PerCP-Cy5-5	656	43732	43183	3.67	1177	19.98	216	49.75
Blue	A	PE-Cy7	698	30845	31943	5.97	589	40.09	109	100.82
Red	C	APC	584	46112	42819	2.47	1634	11.69	389	24.33
Red	A	APC-Cy7	556	30458	31261	2.42	807	11.72	178	28.47
Violet	B	V450	458	7918	6527	4.63	444	12.53	67	57.02
Violet	A	V500	474	32171	24533	4.35	750	10.52	111	31.87

Detector Settings (Continued)

Laser	Detector	Parameter	Linearity Min Channel	Linearity Max Channel	Slope	Intercept	Electronic Noise Robust SD	Qr	Br
Blue	FSC	FSC	N/A	N/A	0.0040	2.6	N/A	N/A	N/A
Blue	F	SSC	N/A	N/A	6.9192	-13.9	N/A	N/A	N/A
Blue	E	FITC	45	239085	7.3700	-16.0	24.8	0.0196	79
Blue	D	PE	121	241453	7.2748	-15.4	25.9	0.1864	307
Blue	B	PerCP-Cy5-5	166	234387	7.3386	-16.0	26.8	0.0095	84
Blue	A	PE-Cy7	81	229105	7.4141	-16.6	24.7	0.0114	20
Red	C	APC	117	240798	7.3874	-15.8	20.2	0.0266	157
Red	A	APC-Cy7	84	239598	7.4258	-15.9	18.9	0.0059	1174
Violet	B	V450	182	241681	7.3889	-15.8	17.0	0.0636	2325
Violet	A	V500	67	246608	7.5803	-15.8	18.5	0.0226	505

Specifications

Violet Laser Primary Channel Bright Bead %Robust CV:	6.00 (Recommended)
Blue Laser Primary Channel Bright Bead %Robust CV:	6.00 (Recommended)
Red Laser Primary Channel Bright Bead %Robust CV:	6.00 (Recommended)

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Laser Settings

Laser	Power (mW)	Power Spec. (mW)	Current (mA)	Current Guidelines (mA)	Delay (Trigger on FSC)	Delay (Trigger on Fluorescence)	Area Scaling Factor
Violet	59.55	47.98 - 71.98	N/A	N/A	-32.71	-32.36	1.04
Blue	20.34	16.27 - 24.41	1.27	0.99 - 1.49	0.00	0.00	1.45
Red	18.17	13.60 - 20.40	N/A	N/A	29.88	30.34	1.18

Window Extension: 7.00
FSC Area Scaling Factor: 0.90

Threshold

Threshold (FSC): 10443

Fluidics

FACSFlow Pressure: 3.90 Sample Pressure: 3.60
Spec.: 3.80 - 4.00

Comments

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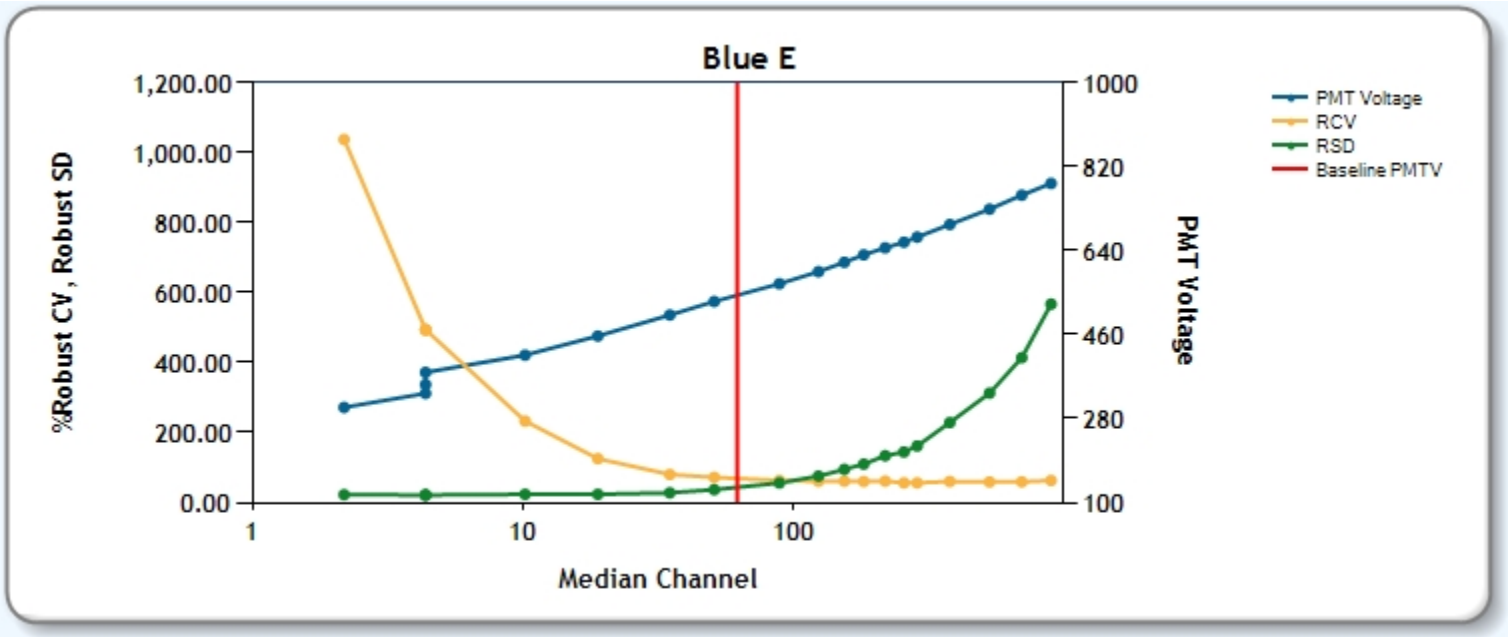
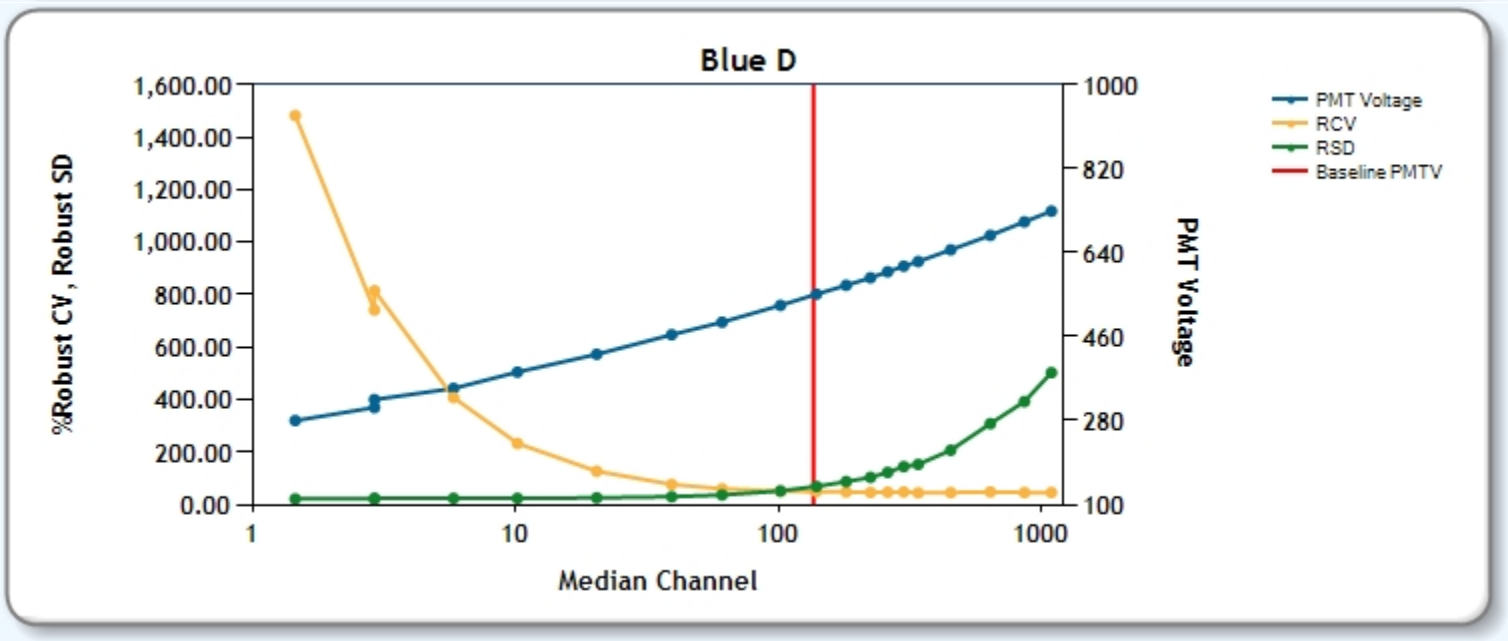
PMTV Optimization Results





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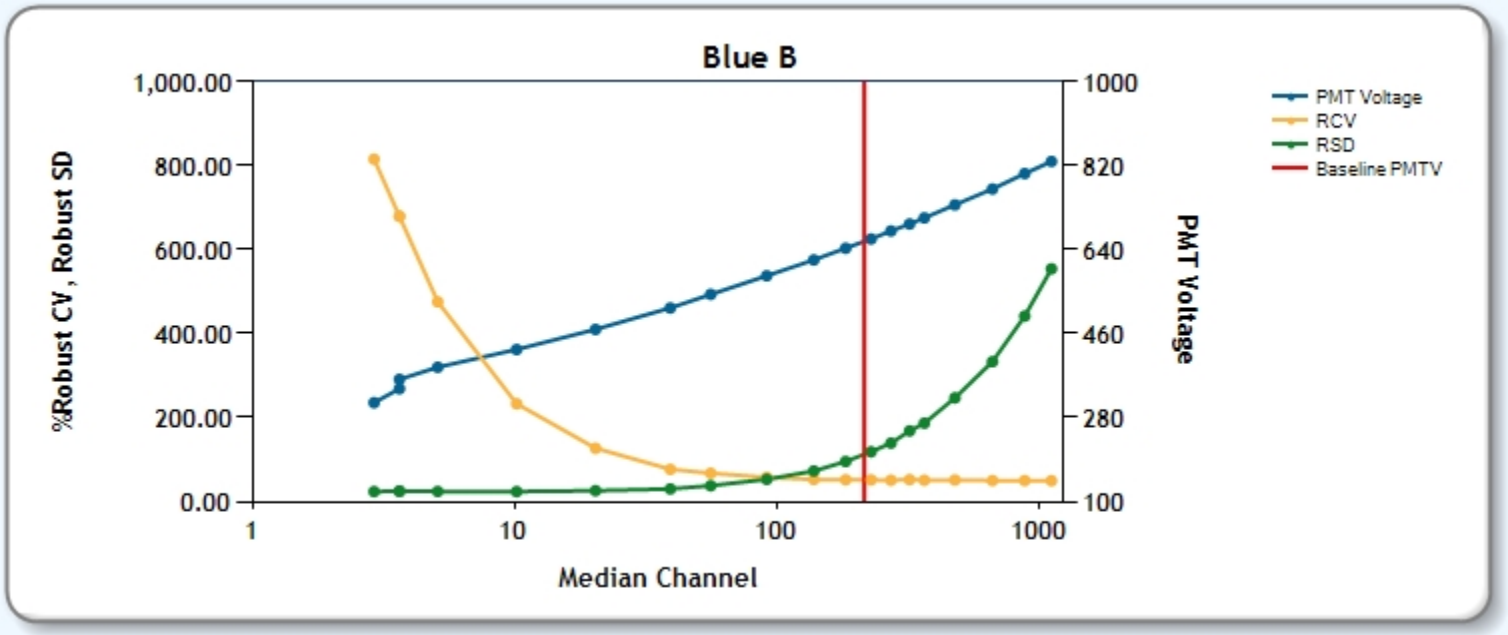

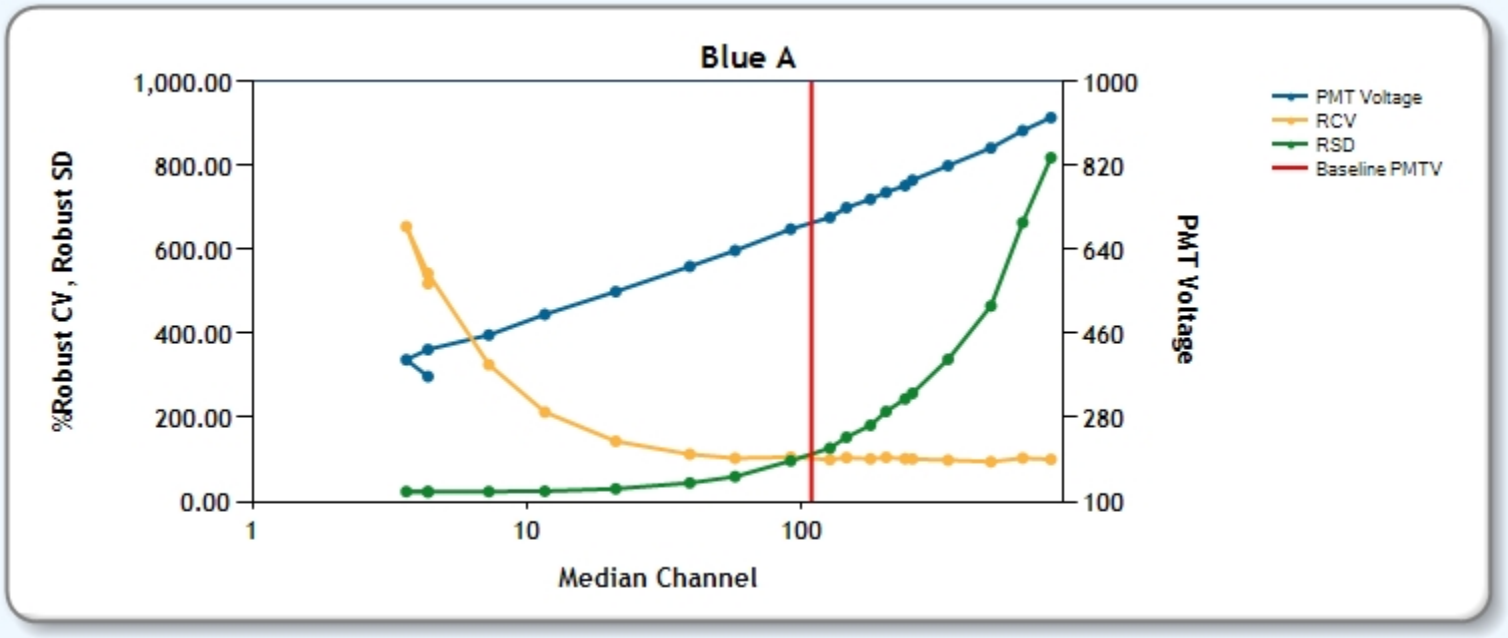

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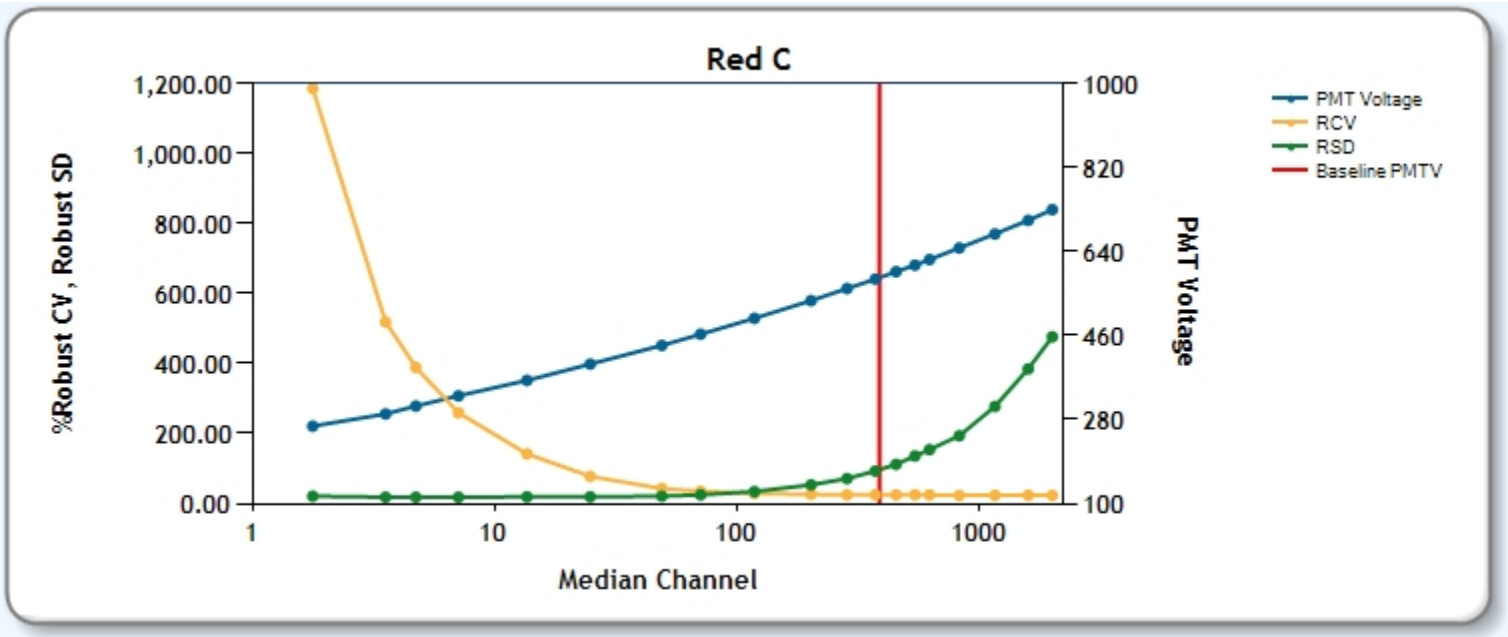

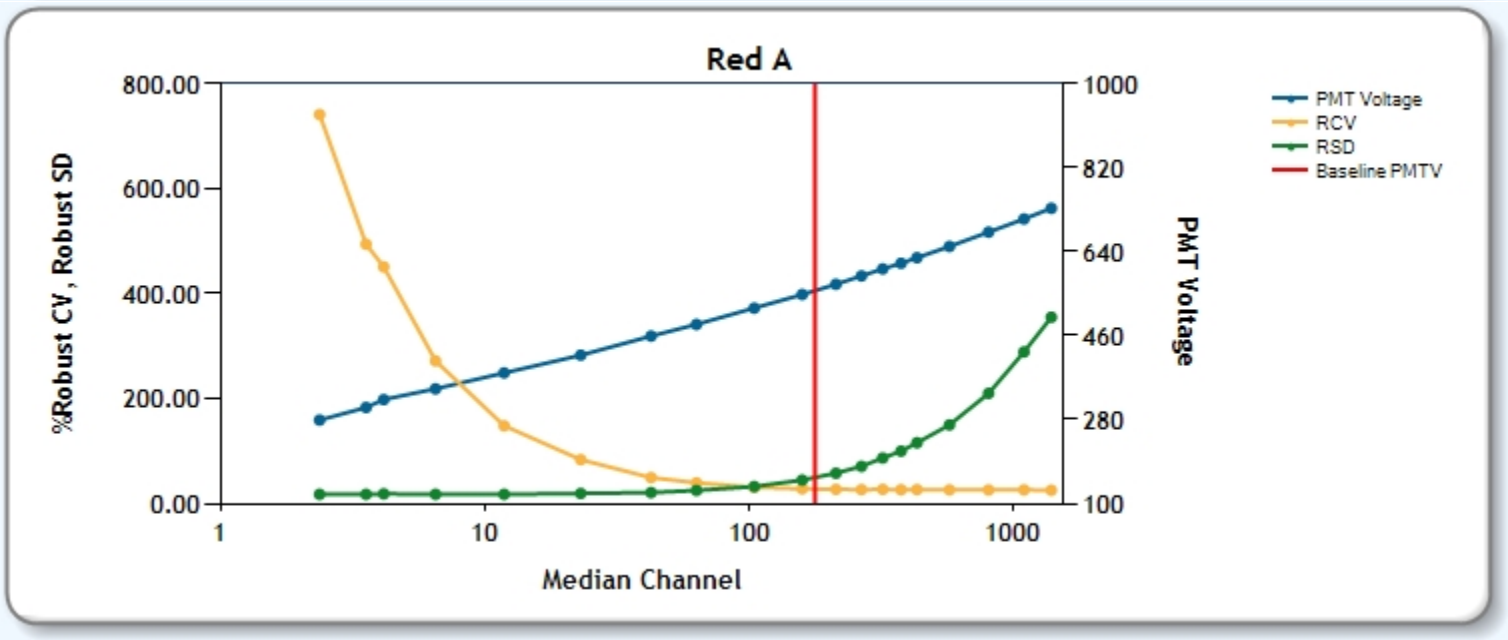

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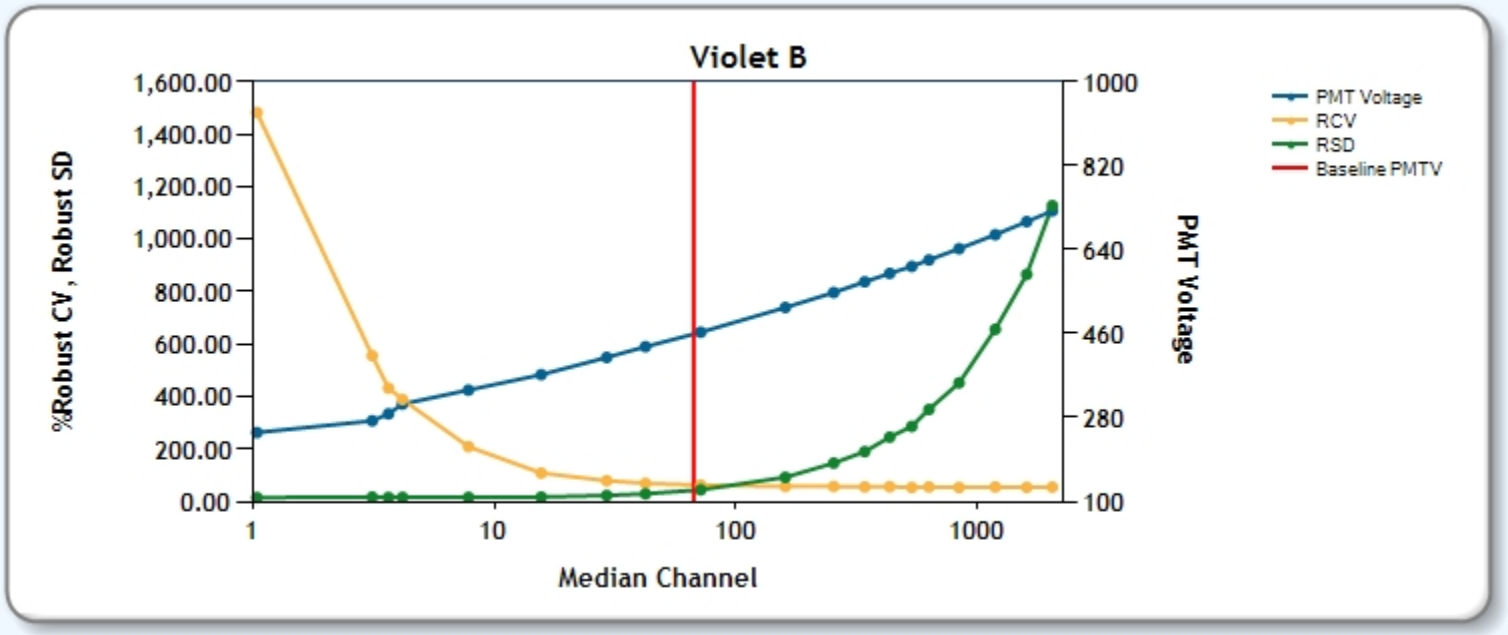

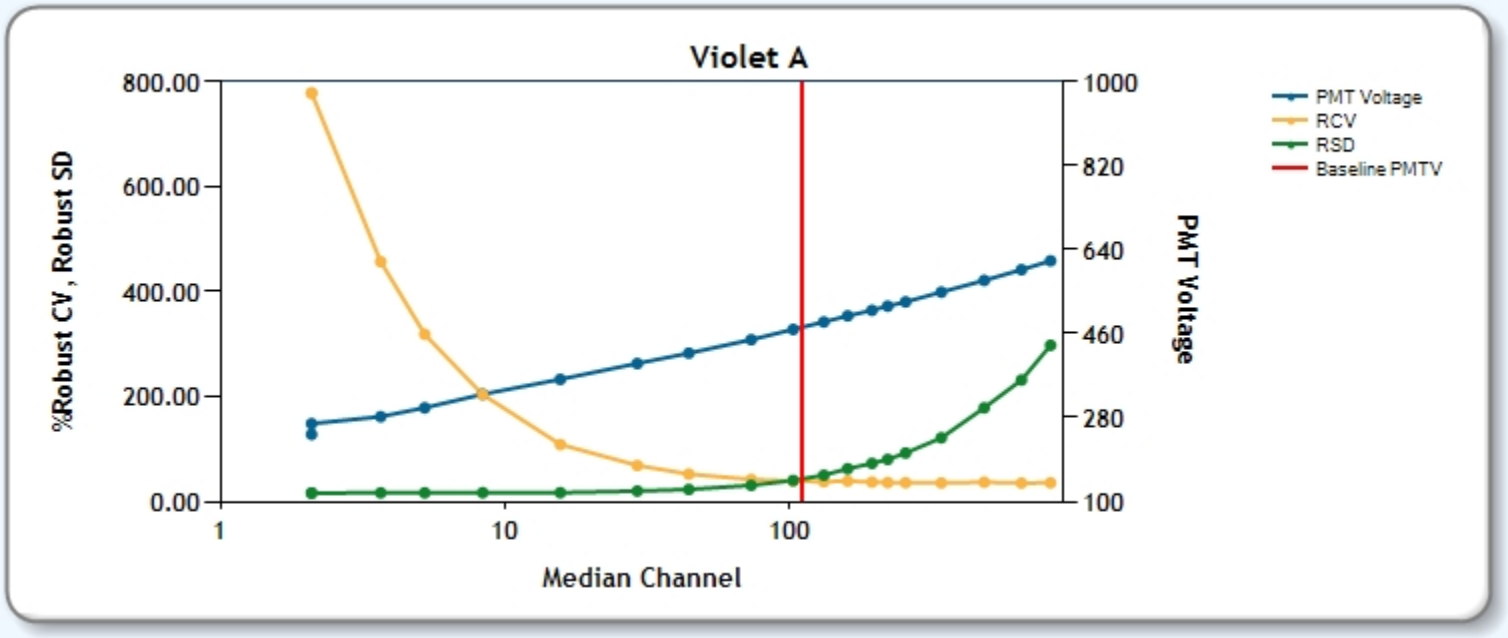

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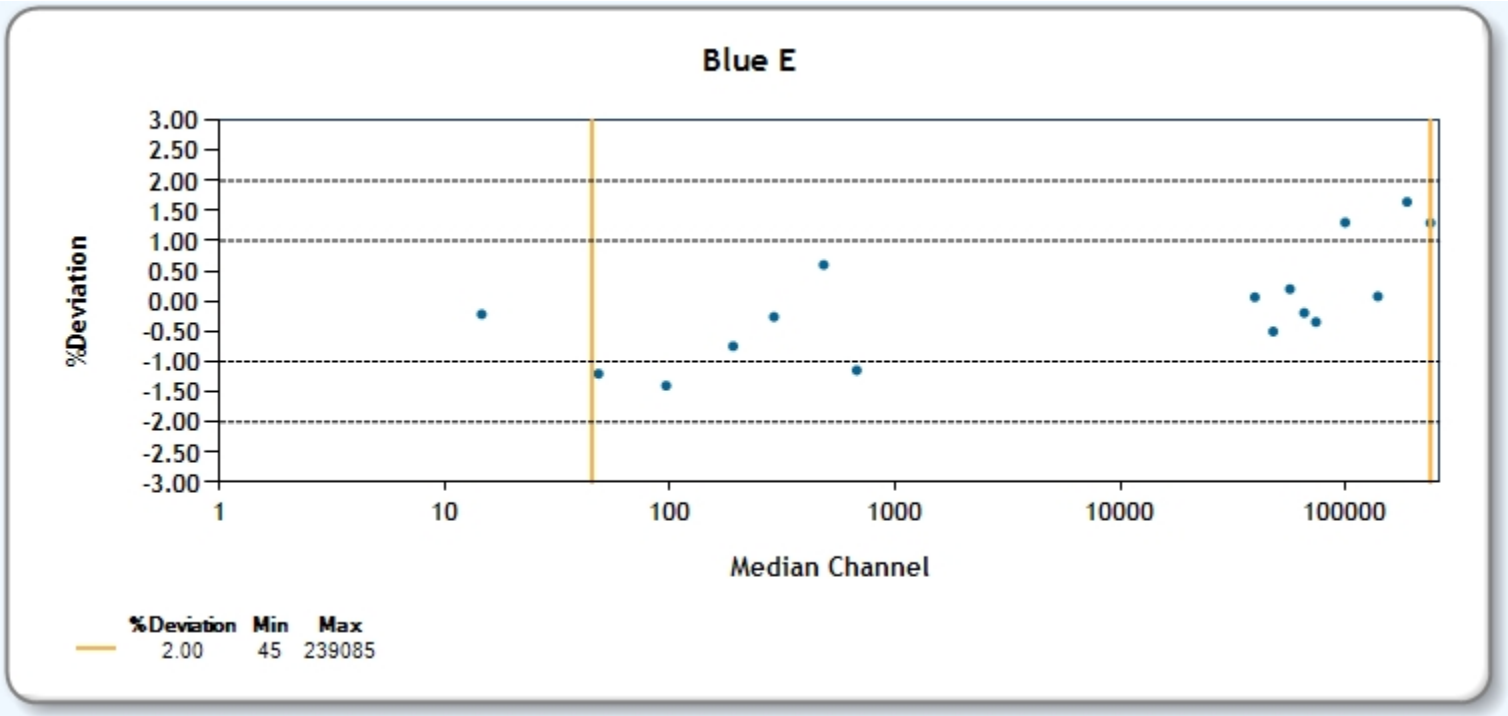
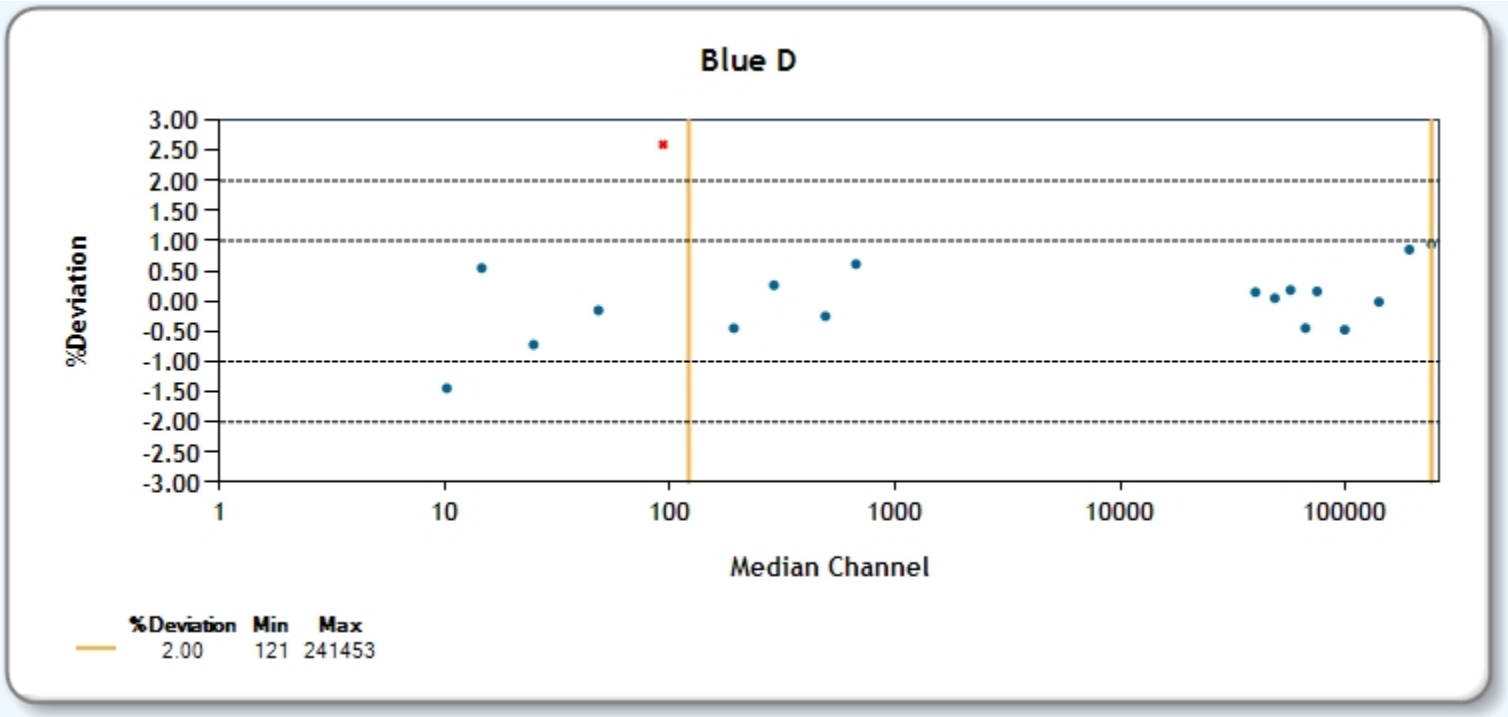
Linearity Results





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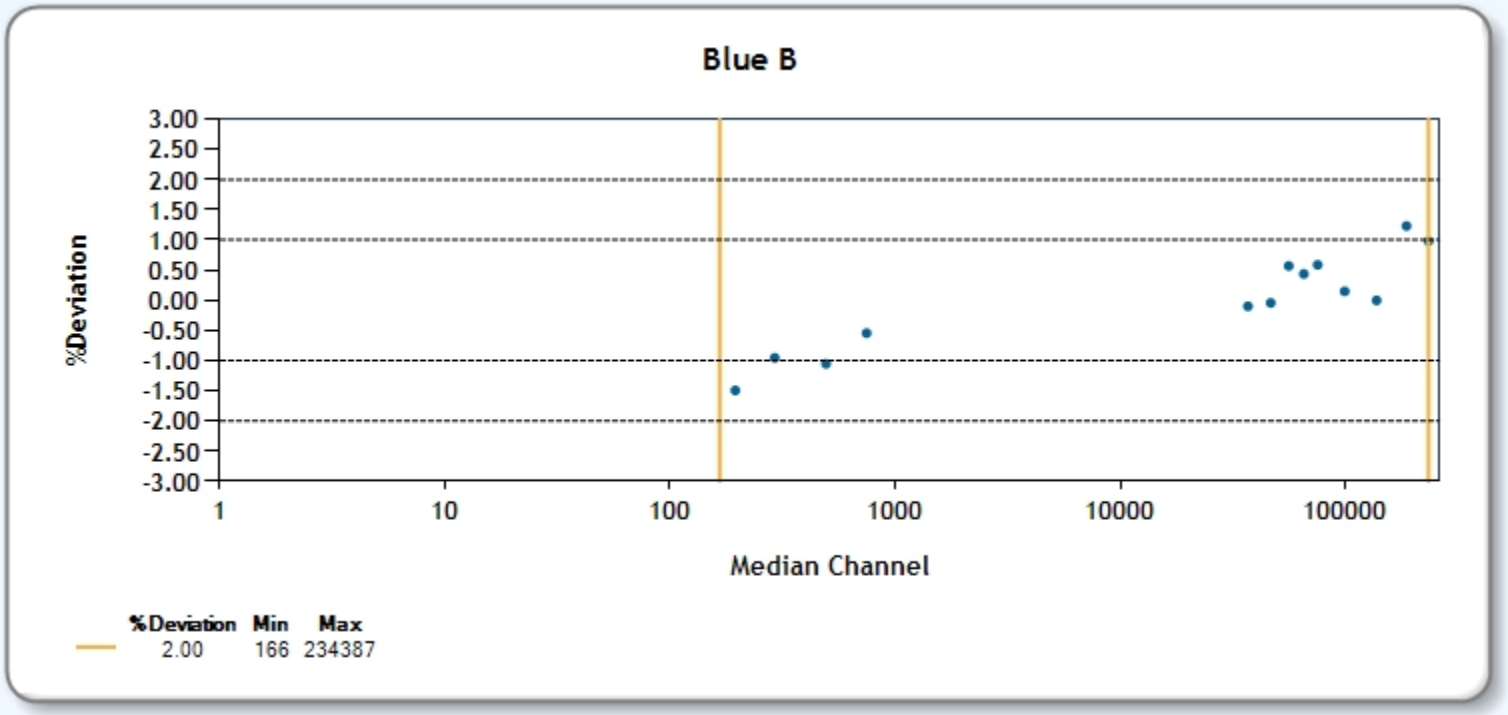

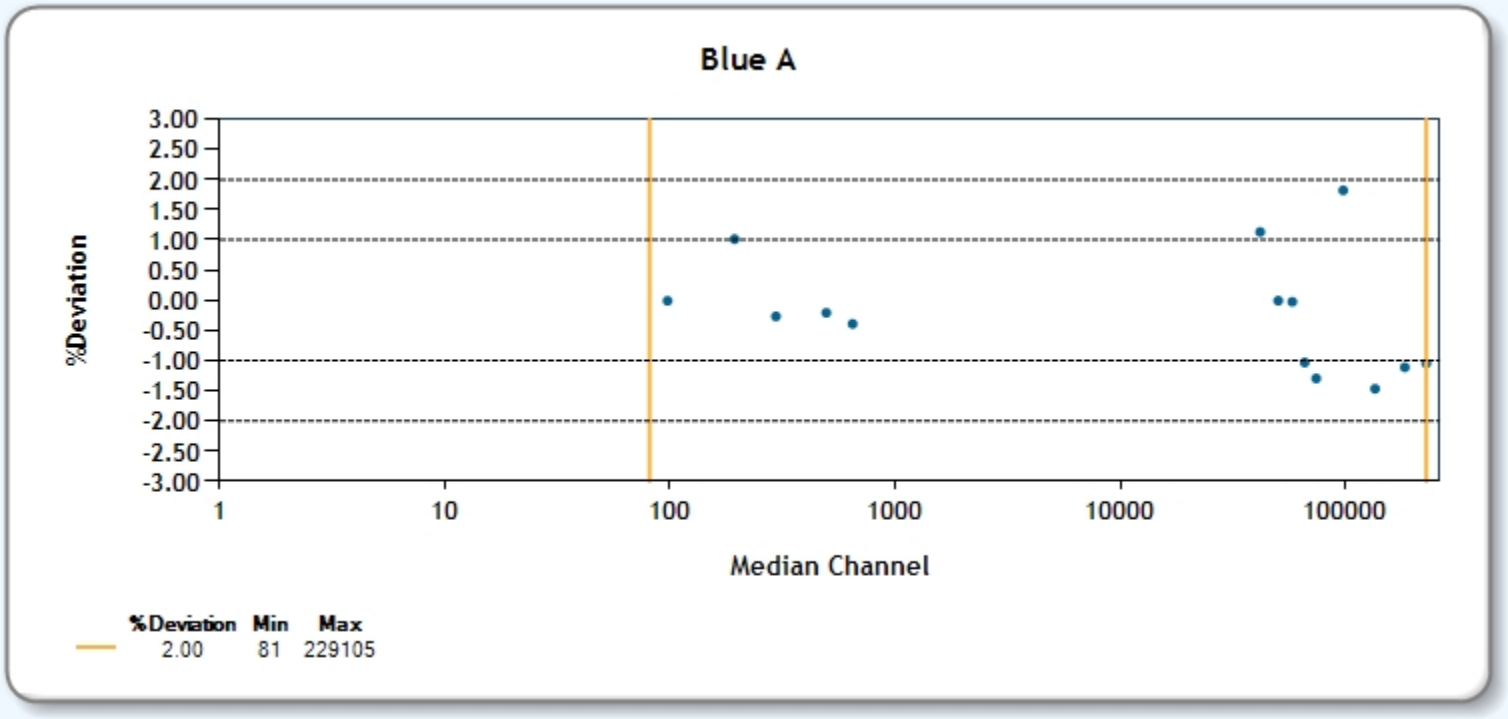

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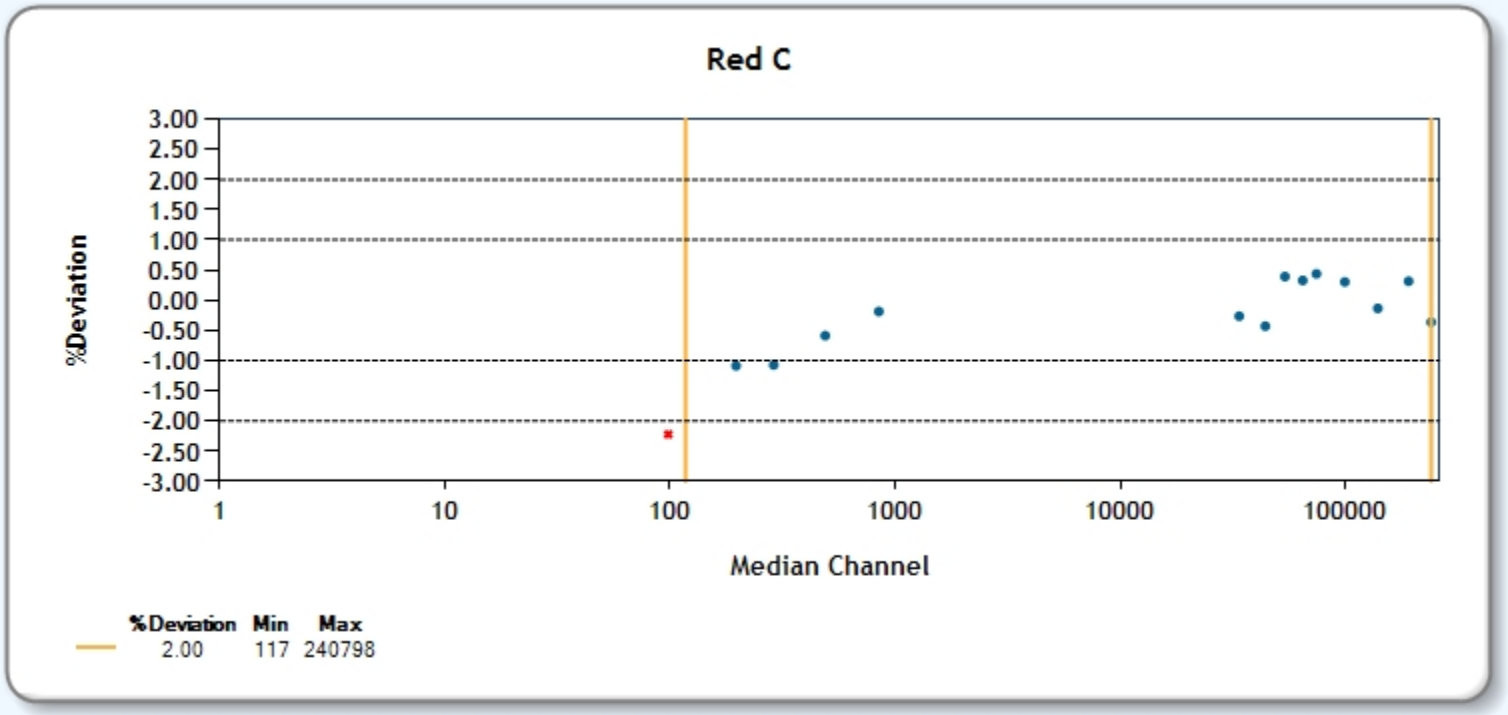

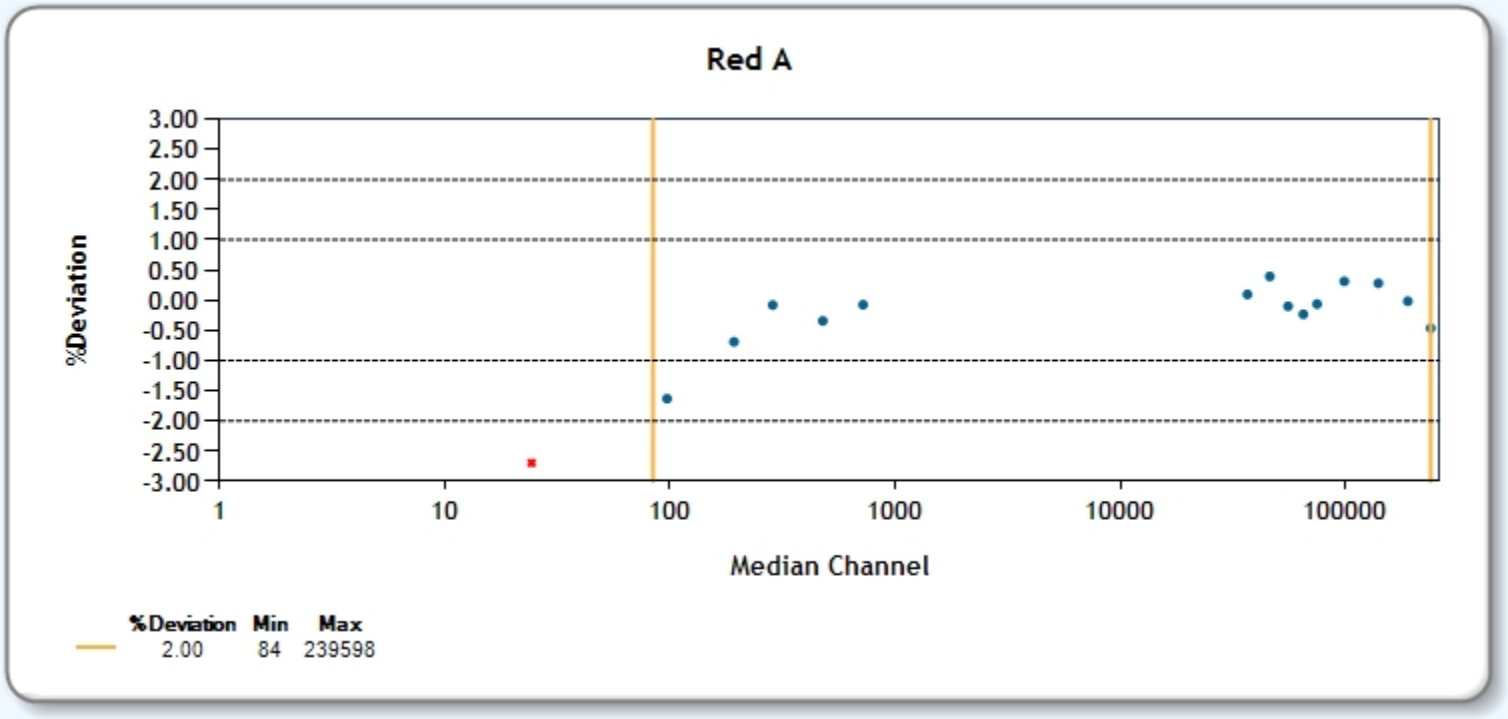

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